

## Pre ORDA Deployment Radar Test Procedures

Each WSR-88D site must complete the accompanying Pre-ORDA Checklist and Performance Data and return them to W/OST, 2227 W. Lindsey, Ste 1500, Norman, OK 73069 **two** weeks before the scheduled installation.

**For ORDA, sites can ignore alarms or problems in the following areas:**

- All Log channel alarms
- AGC
- IF receiver
- Receiver Channel Alignment
- Signal Processor (including Swing Out Power Supply)
- HSP/PSP
- VME

## CHECKLIST

Completion Date	Initials	Task
		1. Complete Pre-ORDA Performance Data Checklist
		2. Transmitter
		a. Check all 15 positions of transmitter switch, verify filament, focus coil, and vacuum pump current within limits
		b. Transmitter diagnostics Pass
		c. Transmitter Pulse Shape and Power good in short and long pulse
		d. Transmitter operates without alarms in all PRT's and Pulse Widths
		3. Receiver
		a. Test attenuator calibration Pass
		b. Completed 6-6.28 Receiver/Signal Processor Calibration
		c. Receiver diagnostics Pass
		4. Antenna/Pedestal
		a. No Antenna/Pedestal Alarms
		b. Completed Antenna Rate and Position Alignment
		c. Pedestal diagnostics Pass
		d. Suncheck Pass
		5. Power
		a. TPS Operational
		b. Commanded transfer to Generator power OK
		c. Power Retransfer to Commercial OK
		d. Fuel Sensor Reading OK
		6. Shelter
		a. No Tower/Utility alarms
		b. Shelter temperatures/Power Supplies within normal ranges

		c. Security alarms work
		7. Communications
		a. No Wideband Alarms

## PRE-ORDA PERFORMANCE DATA

<b>SITE:</b>		<b>CHANNEL</b>	<b>DATE/TIME:</b>	
XMT PEAK POWER:				
SHORT PULSE LIN CHAN NOISE:				
SYSTEM NOISE TEMP				
SHORT PULSE LIN CHAN SYSCAL				
DELTA SYSCAL:				
<b>SIGNAL</b>	<b>Expected</b>	<b>Measured</b>	<b>Delta</b>	
CW LIN TGT	_____	: _____		
RFD1 LIN TGT				
RFD2 LIN TGT				
RFD3 LIN TGT				
KD1 LIN TGT				
KD2 LIN TGT				
KD3 LIN TGT				
	<b>Unfiltered</b>	<b>Filtered</b>	<b>Delta</b>	
Lin Channel Clutter Suppression				